

# SE 37<sup>th</sup> Street at HWY 141 Improvements

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**Public Information Meeting**

**April 16, 2019**

**John Gade, P.E.**



# Presentation Overview

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- **Purpose of Street Improvement Project**
- **Project Schedule**
- **Project Design Details**
- **Traffic Staging/Detour Plan**
- **Public Input**



# Purpose of Street Improvement Project

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- **Improve Capacity**
  - Turn Lanes
  - Additional Through Lanes
- **Provide Urban Section**
  - Curb and Gutter
  - Storm Sewer
- **Improve Intersections**
  - Additional Lanes
  - Additional Signals
- **Coordinate with Flyover & Dual Turnlanes**
- **Traffic Signals**



# Purpose of Street Improvement Project

- **Increase Capacity**

- Increase to 5 Lane Section
  - Two through lanes
  - Dedicated center turn lanes
- Intersection HWY 141 Increase to 7 Lane Section
  - Two through lanes
  - Dual left and dedicated right turn lanes
- SE Gateway Drive, SE Crossroads, and SE Destination
  - Add left turn lanes
  - 3 lane section



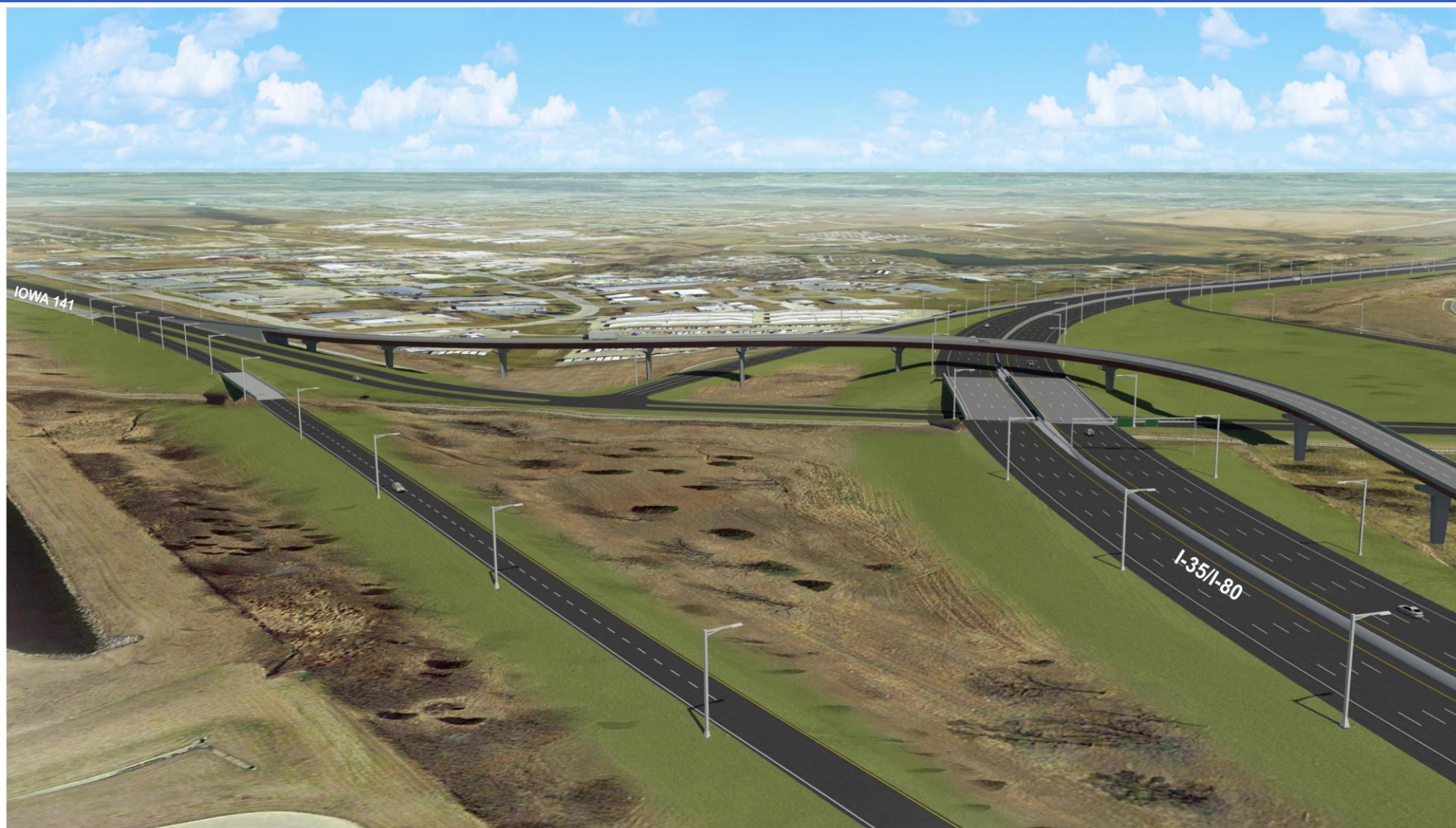
# Purpose of Street Improvement Project

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- **Coordinate with Flyover**
  - IDOT began grading in 2018
  - IDOT wants this project done prior to bridge work on flyover
  - IDOT will widen HWY 141 pavement in 2020







ILLUSTRATIVE RENDERING INITIAL BUILD-3

VIEW LOOKING NORTHEAST

PUBLIC HEARING

## I-35/ I-80/ Iowa 141 Interchange Study

Interchange Justification Report and Environmental Assessment

Polk County, IA





ILLUSTRATIVE RENDERING INITIAL BUILD-4

PUBLIC HEARING

## I-35/ I-80/ Iowa 141 Interchange Study

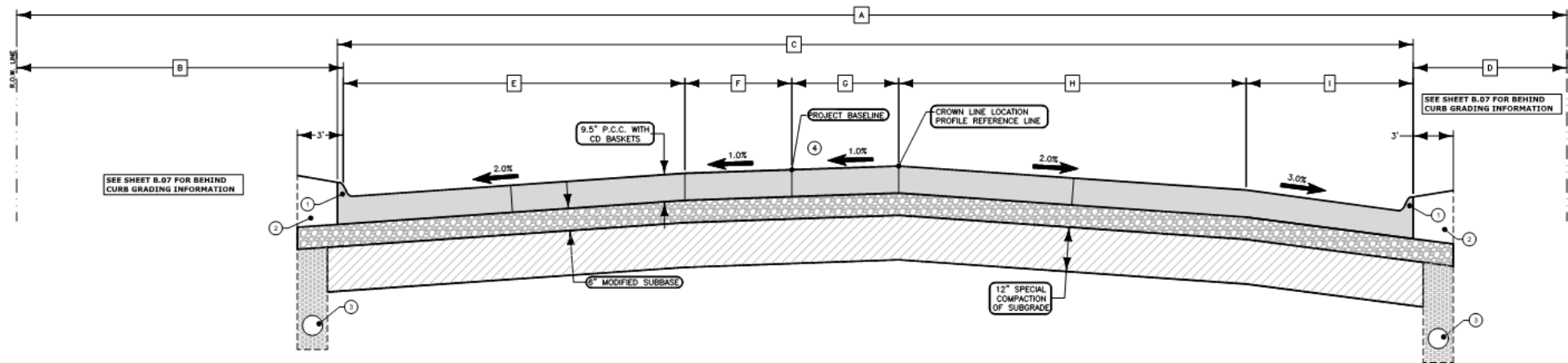
Interchange Justification Report and Environmental Assessment

Polk County, IA

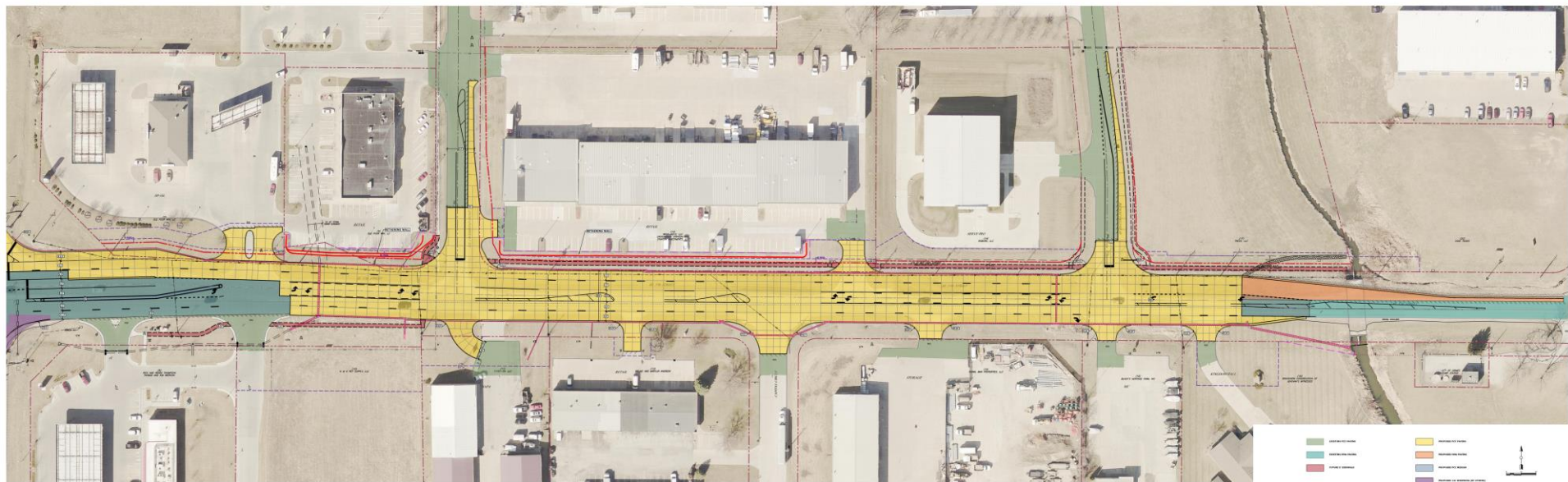
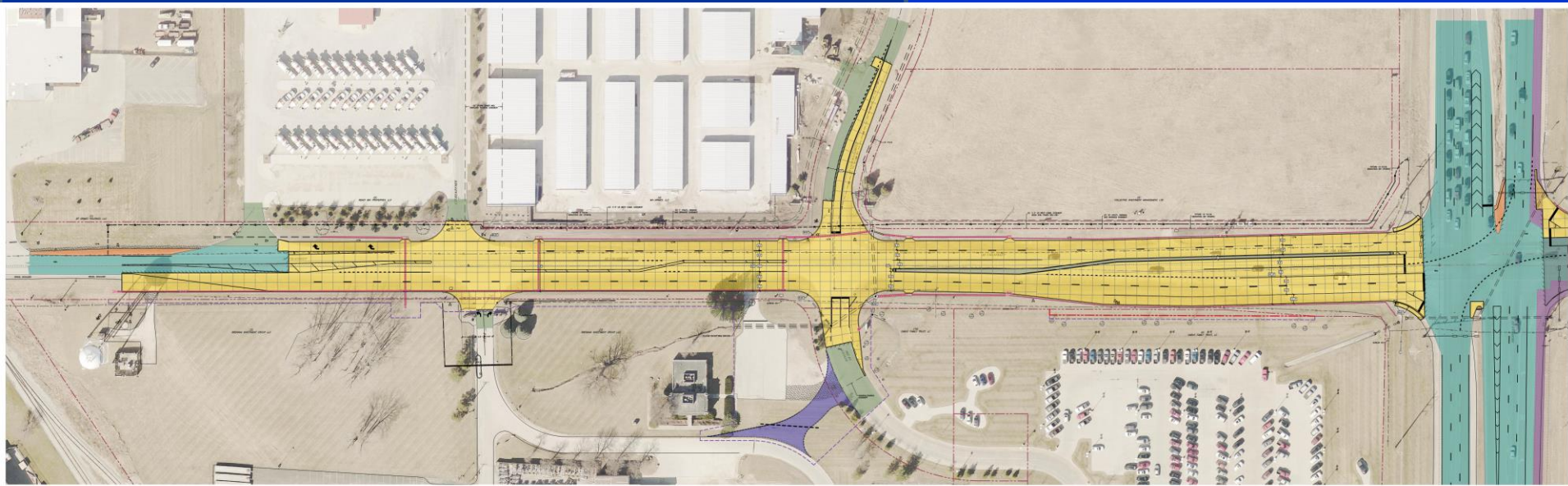
VIEW LOOKING SOUTH

# Purpose of Street Improvement Project

- Urban Section with Storm Sewer Improvements







# Project Schedule

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- Applied for IDOT Funding
- Preliminary and Final Design (Council Approved)
- IDOT Bid Letting - March 19, 2019
- Preconstruction Mtg – April 5, 2019
- *Start Construction – April 22, 2019*
- *Substantial Completion – December 2019*
  - *120 Working Days*
- *Final Completion – Spring 2020*

# Project Cost

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**\$5.27 Million Construction Cost**

\$4.10 Million Budget

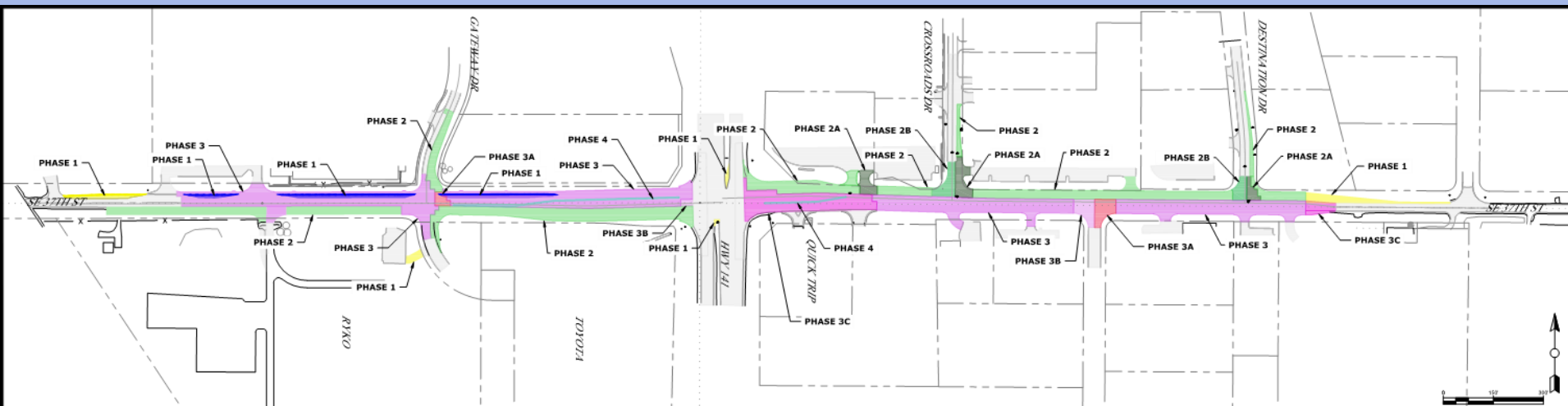
\$1.8 million STP Funding

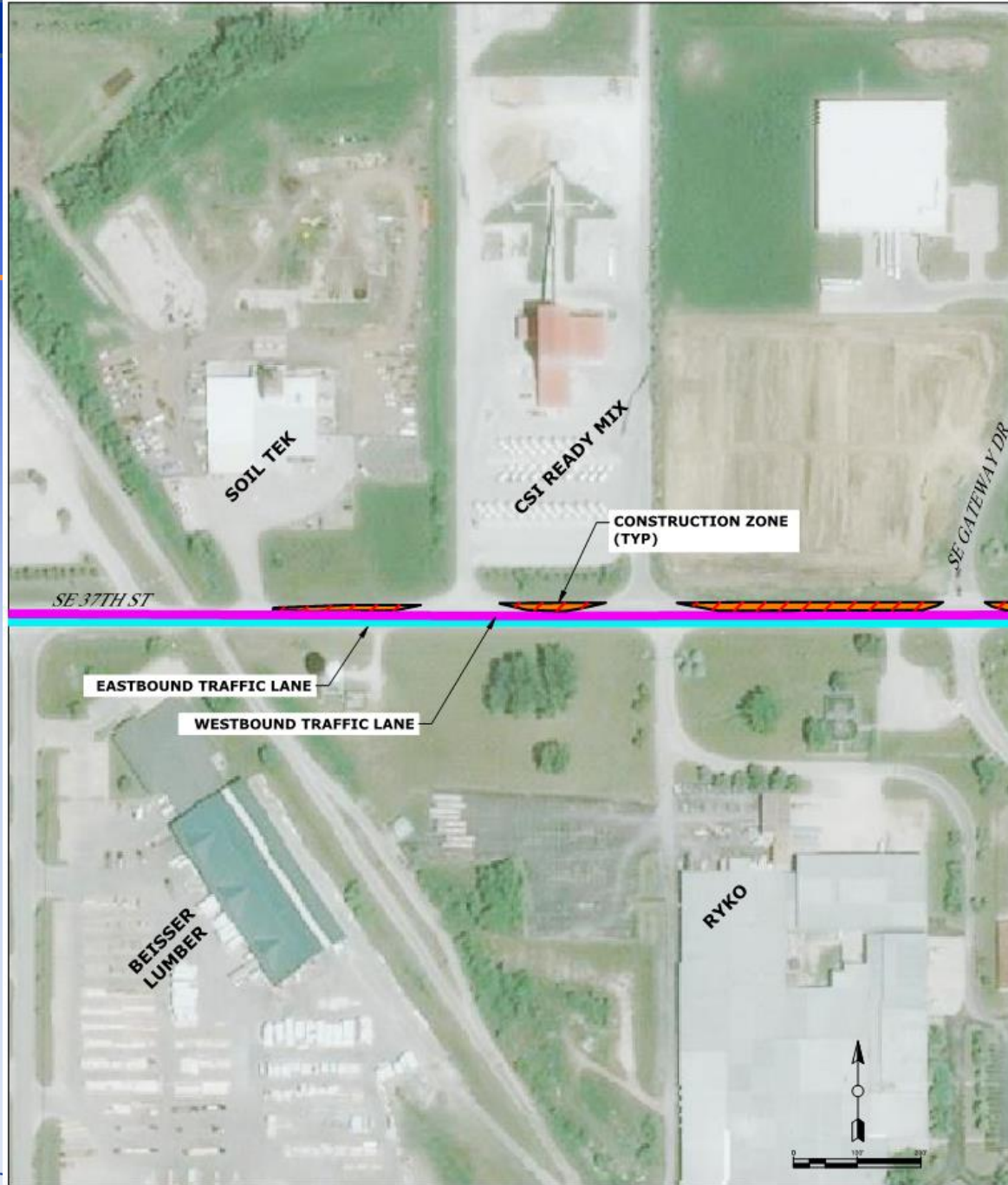
No Assessments



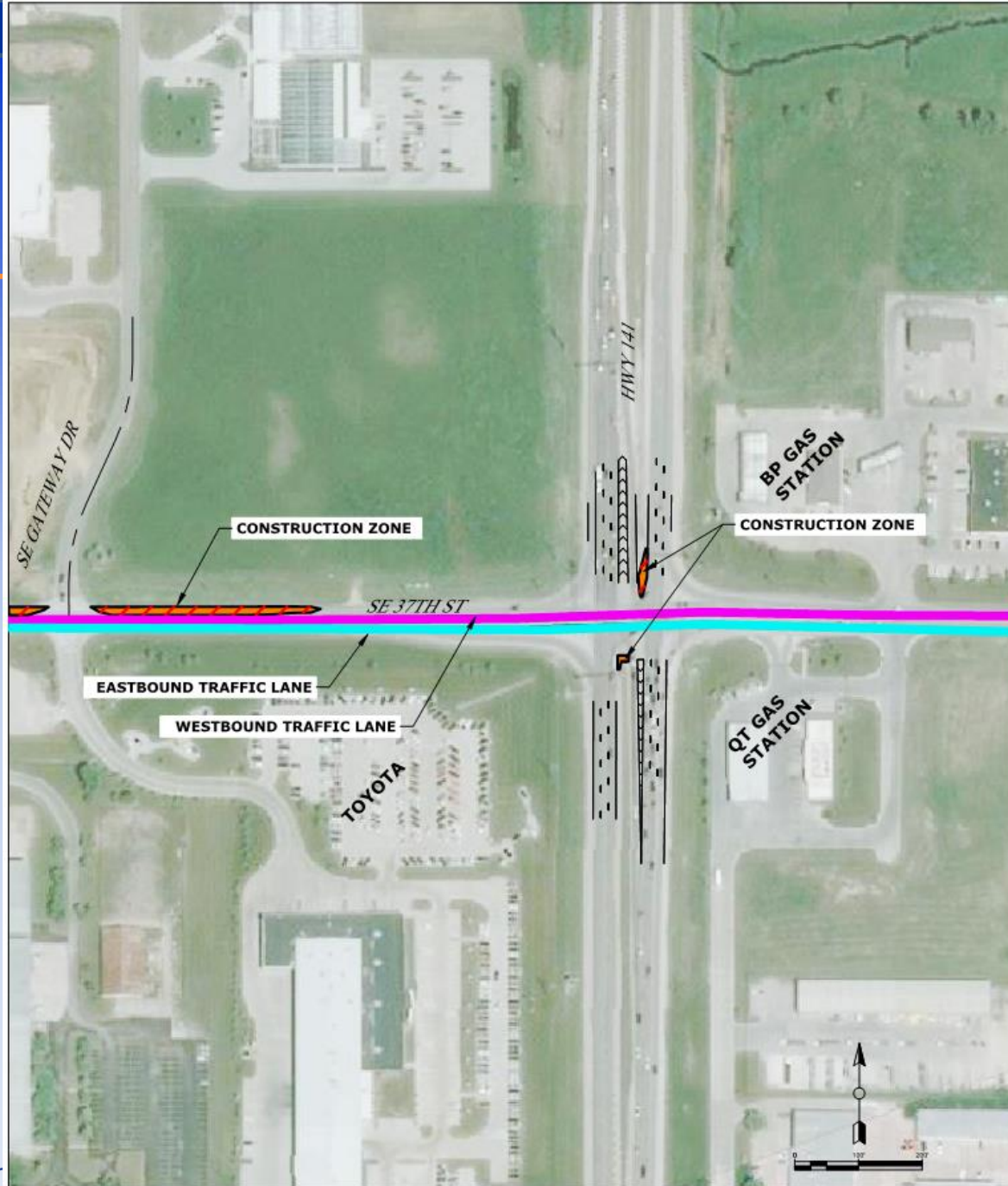
# Traffic Staging/Detour Plan

- **Four Phase Project**



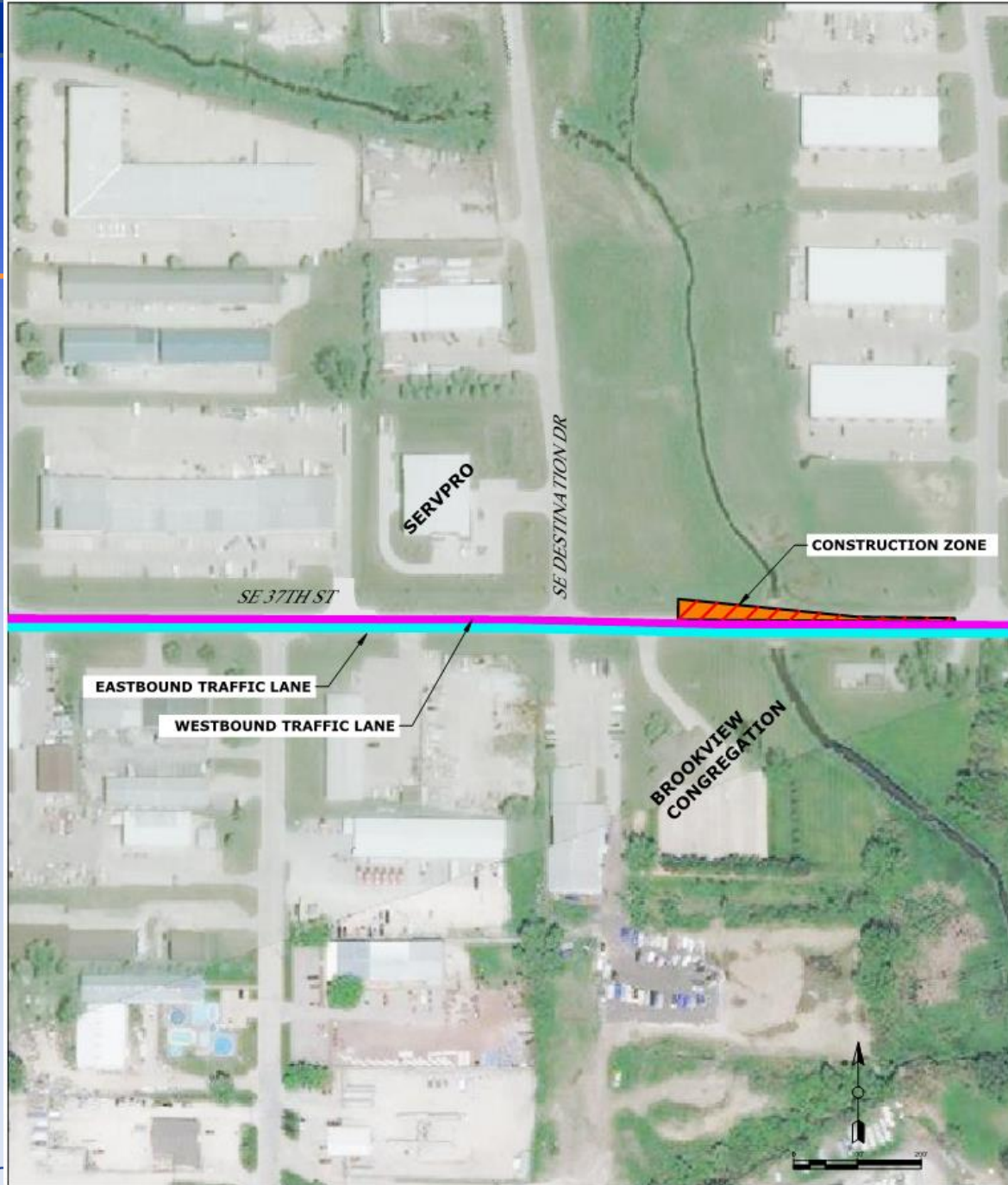


**SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 1 TRAFFIC CONTROL**

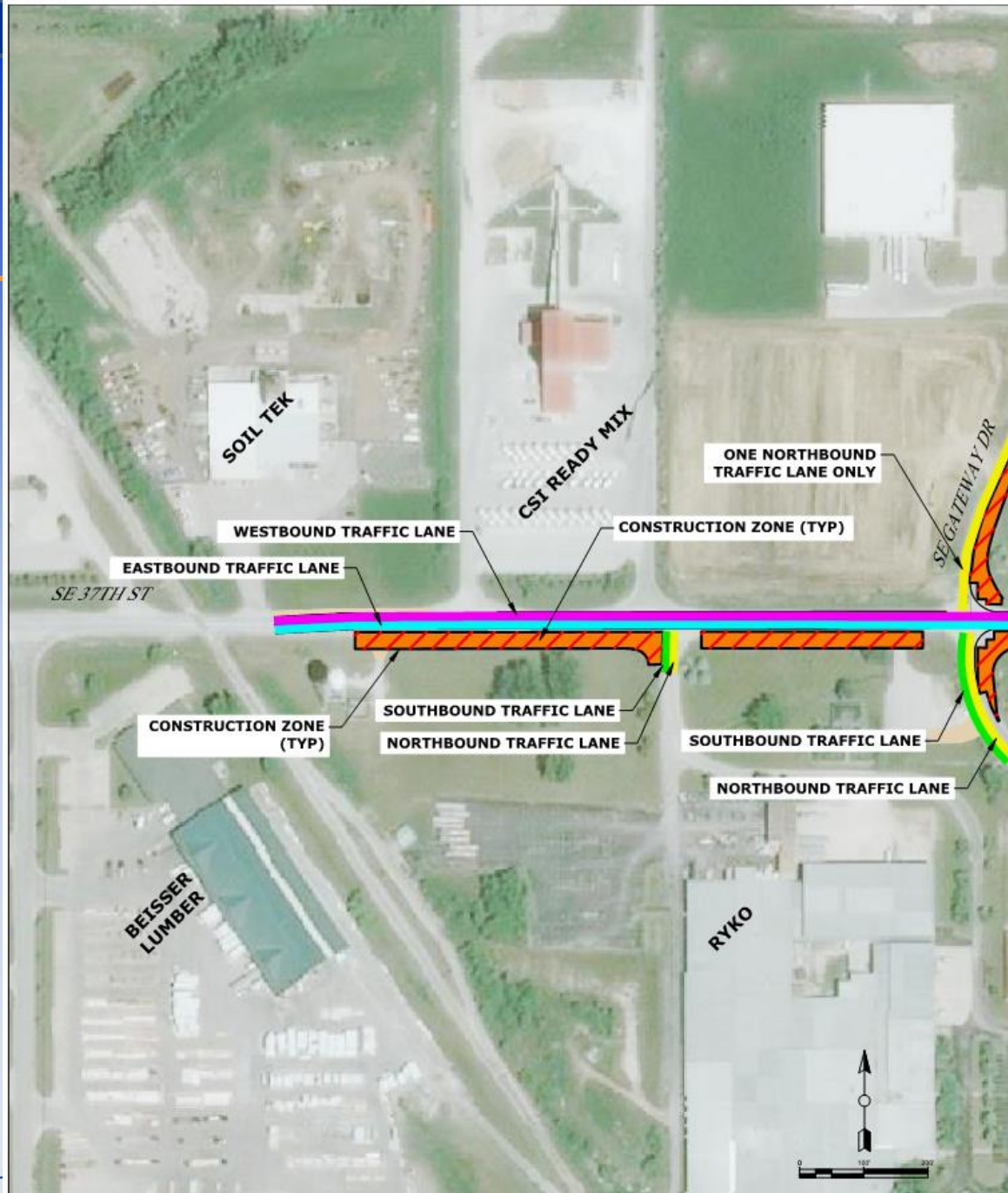


**SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 1 TRAFFIC CONTROL**



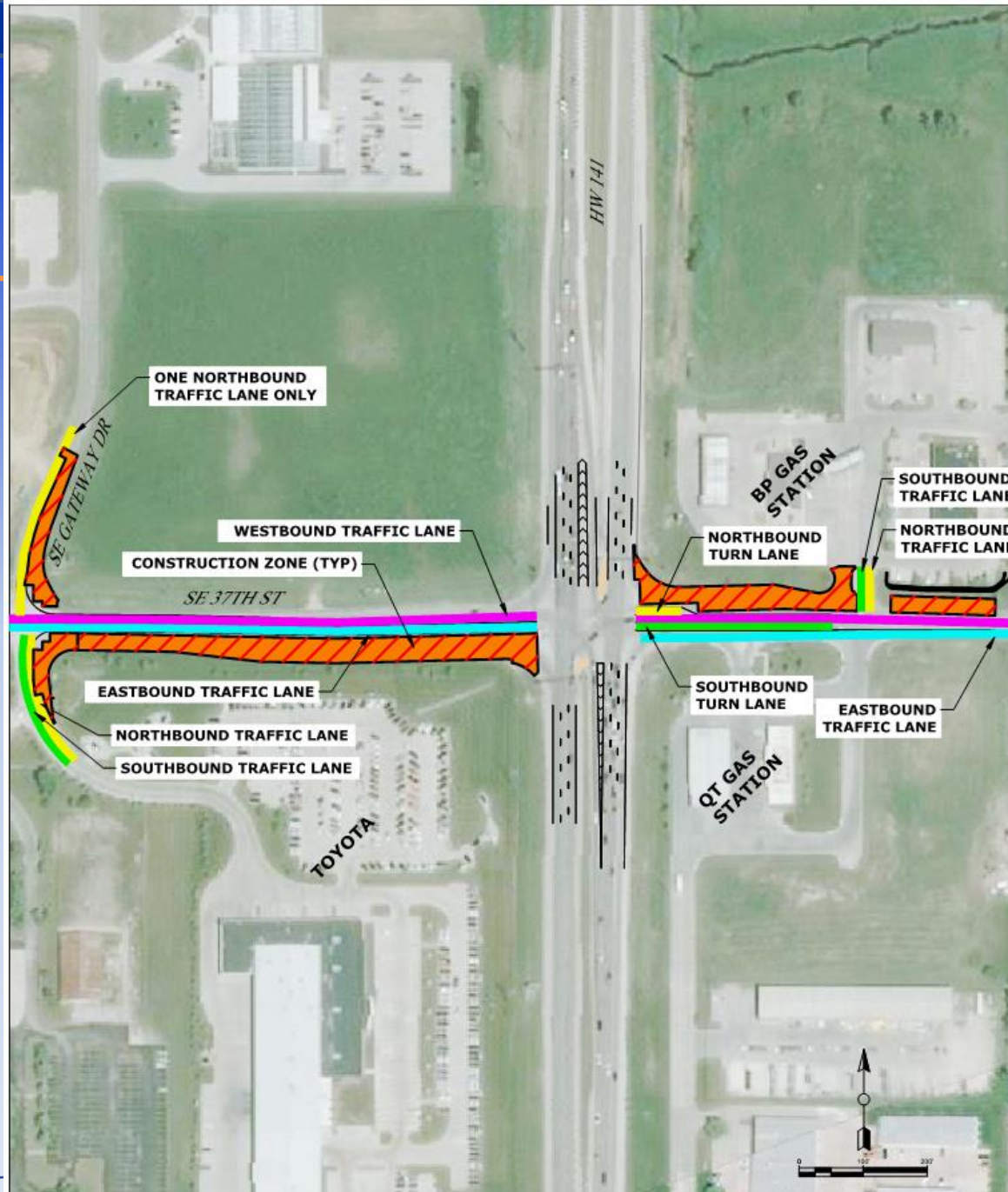


SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 1 TRAFFIC CONTROL



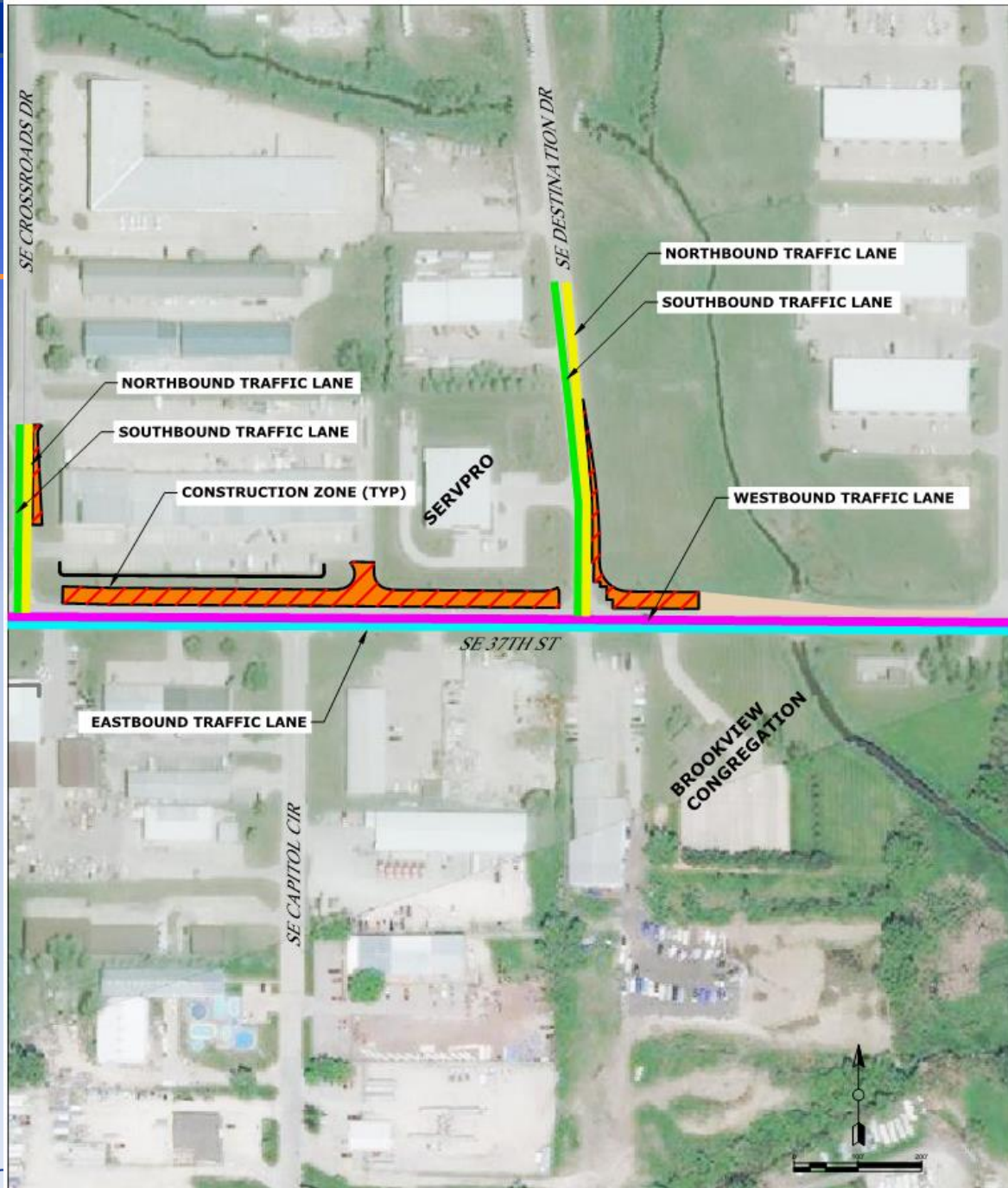
SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 2 TRAFFIC CONTROL



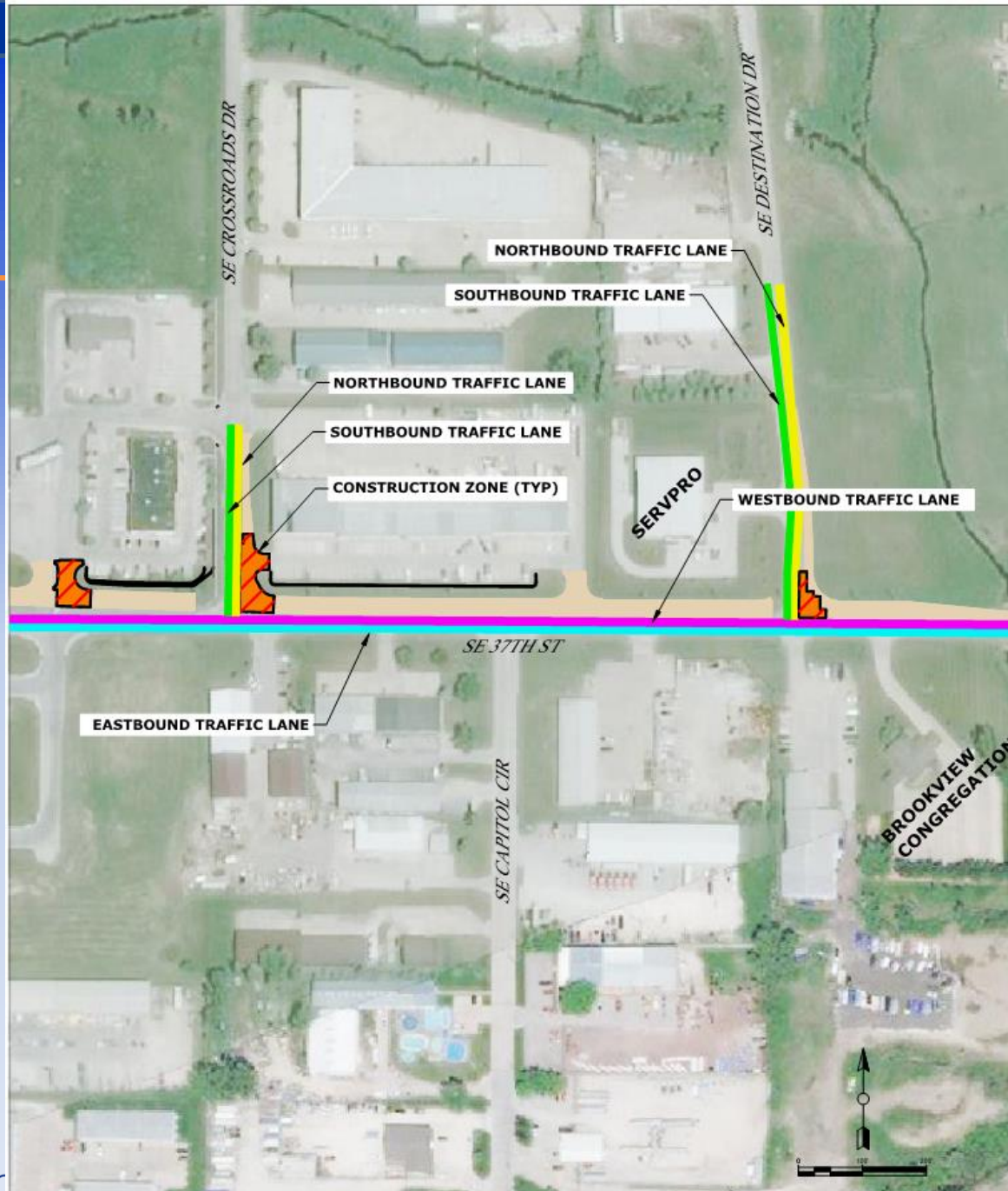


SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 2 TRAFFIC CONTROL



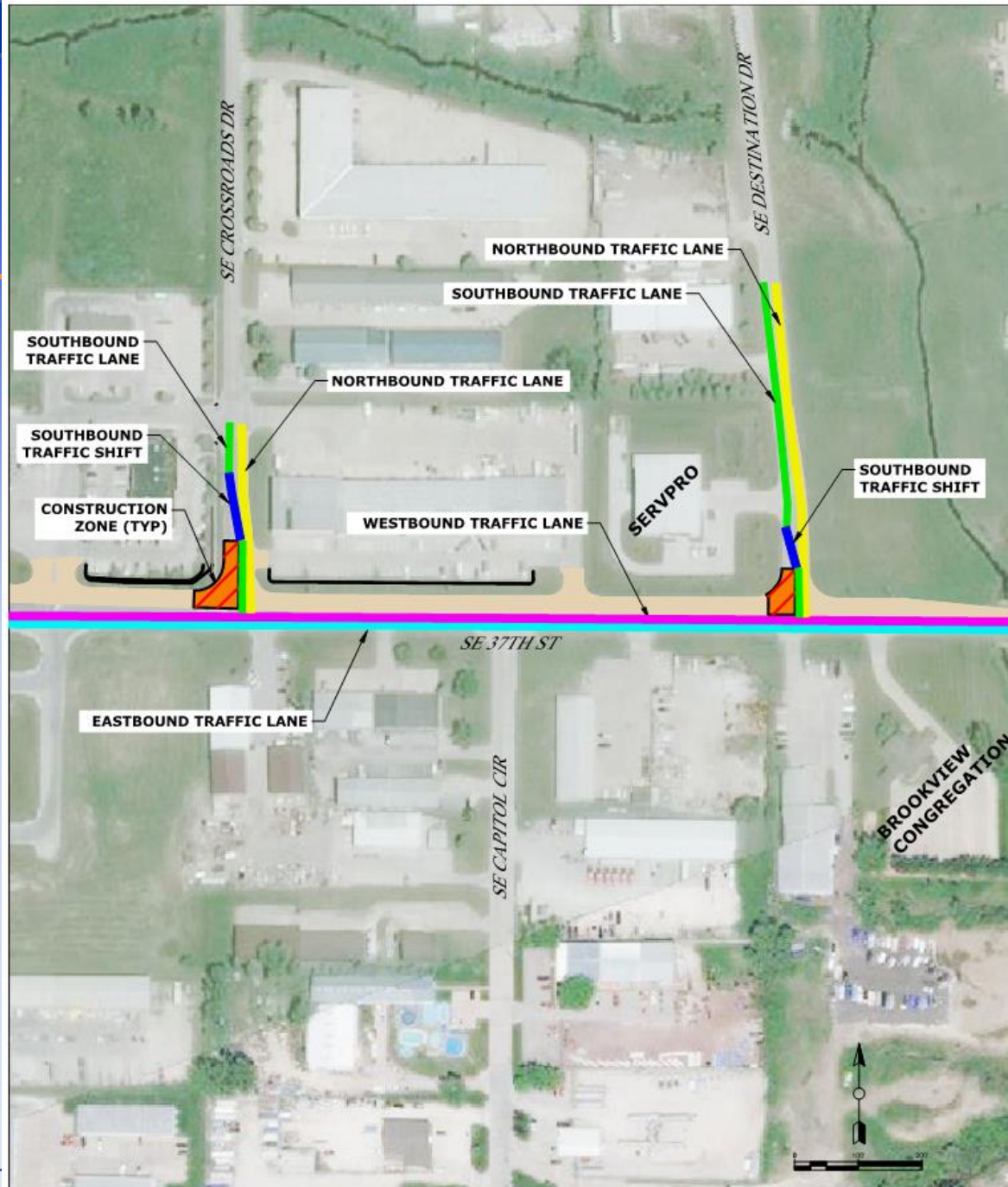


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PHASE 2 TRAFFIC CONTROL



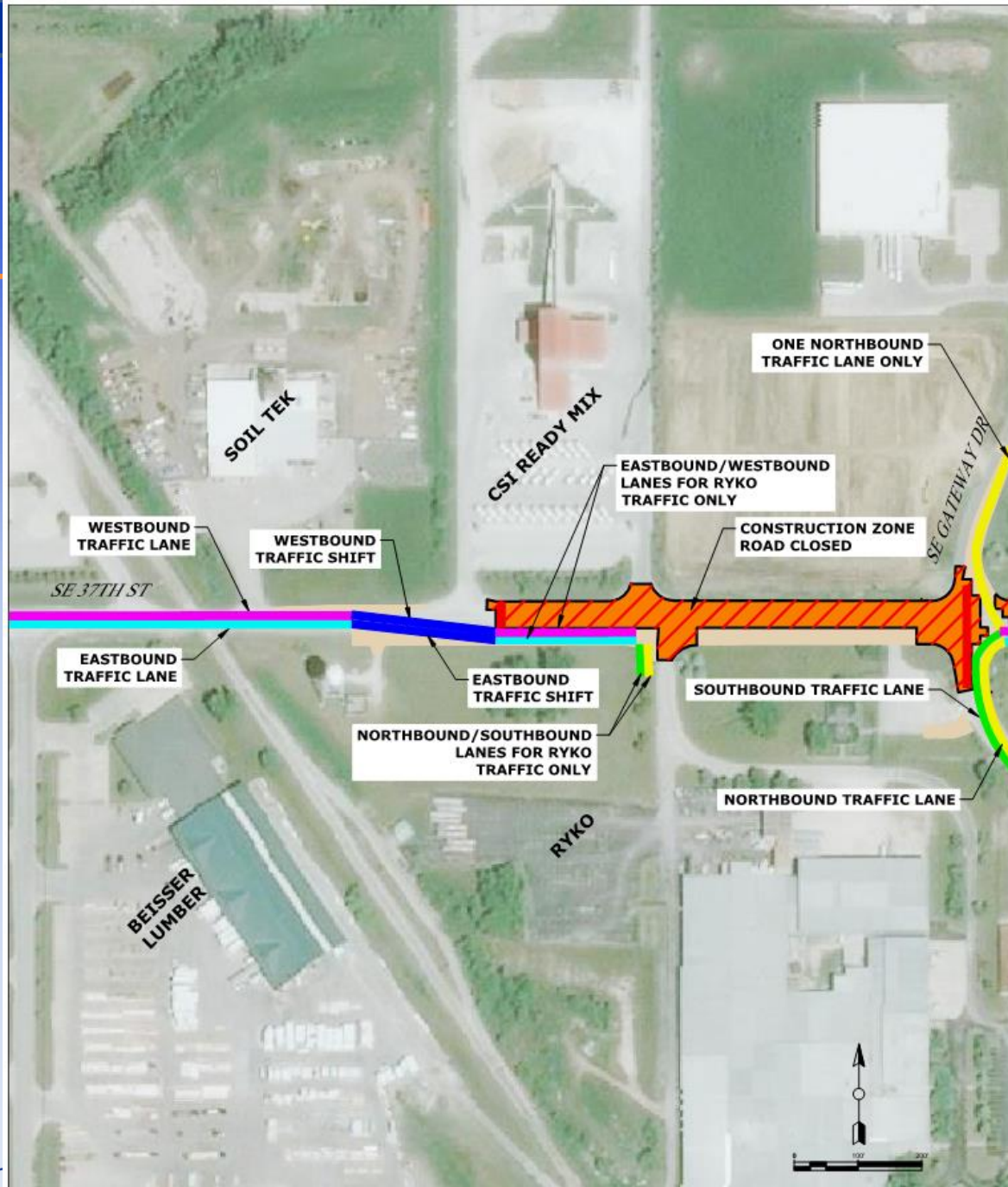
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PHASE 2A TRAFFIC CONTROL



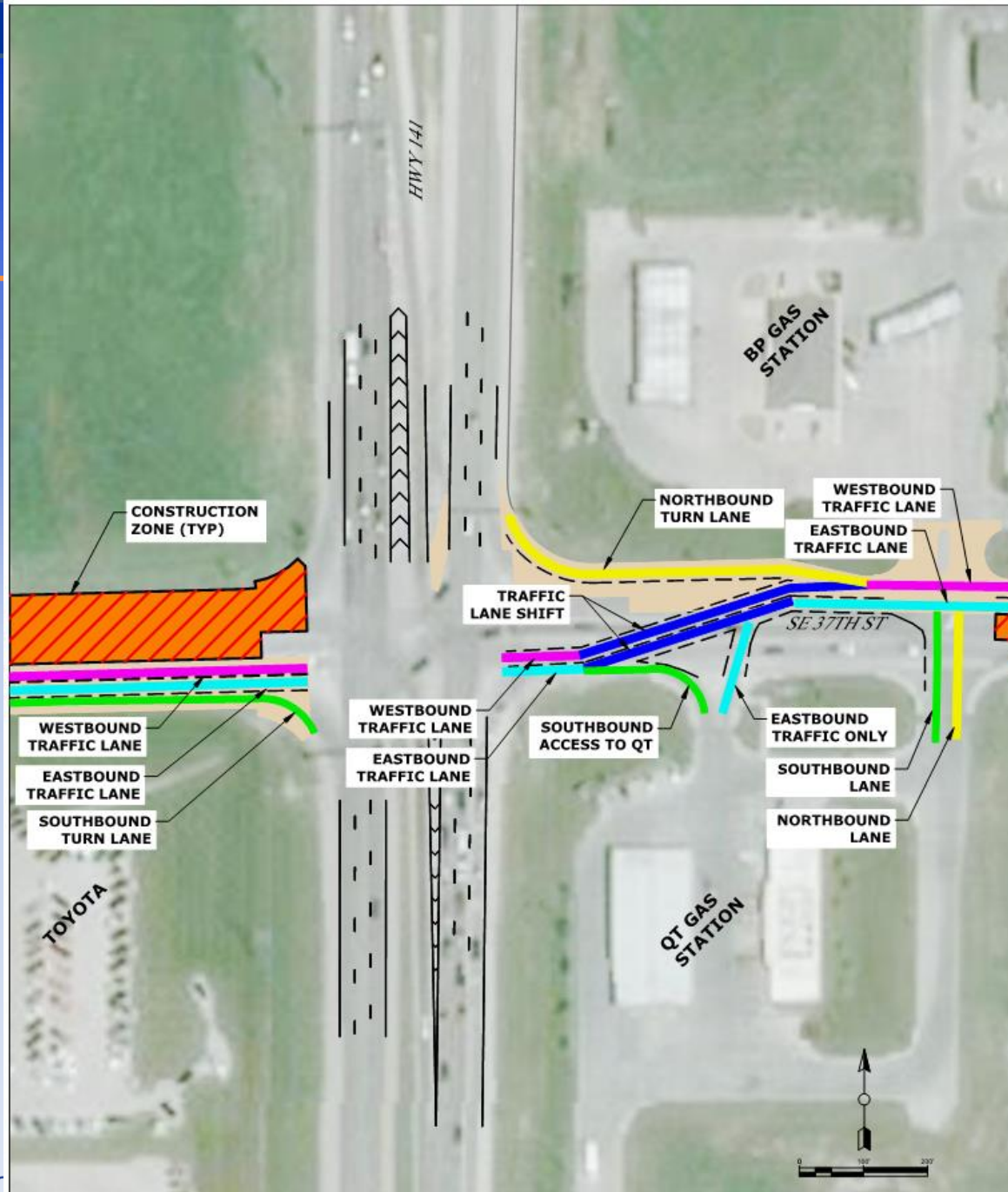


SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 2B TRAFFIC CONTROL



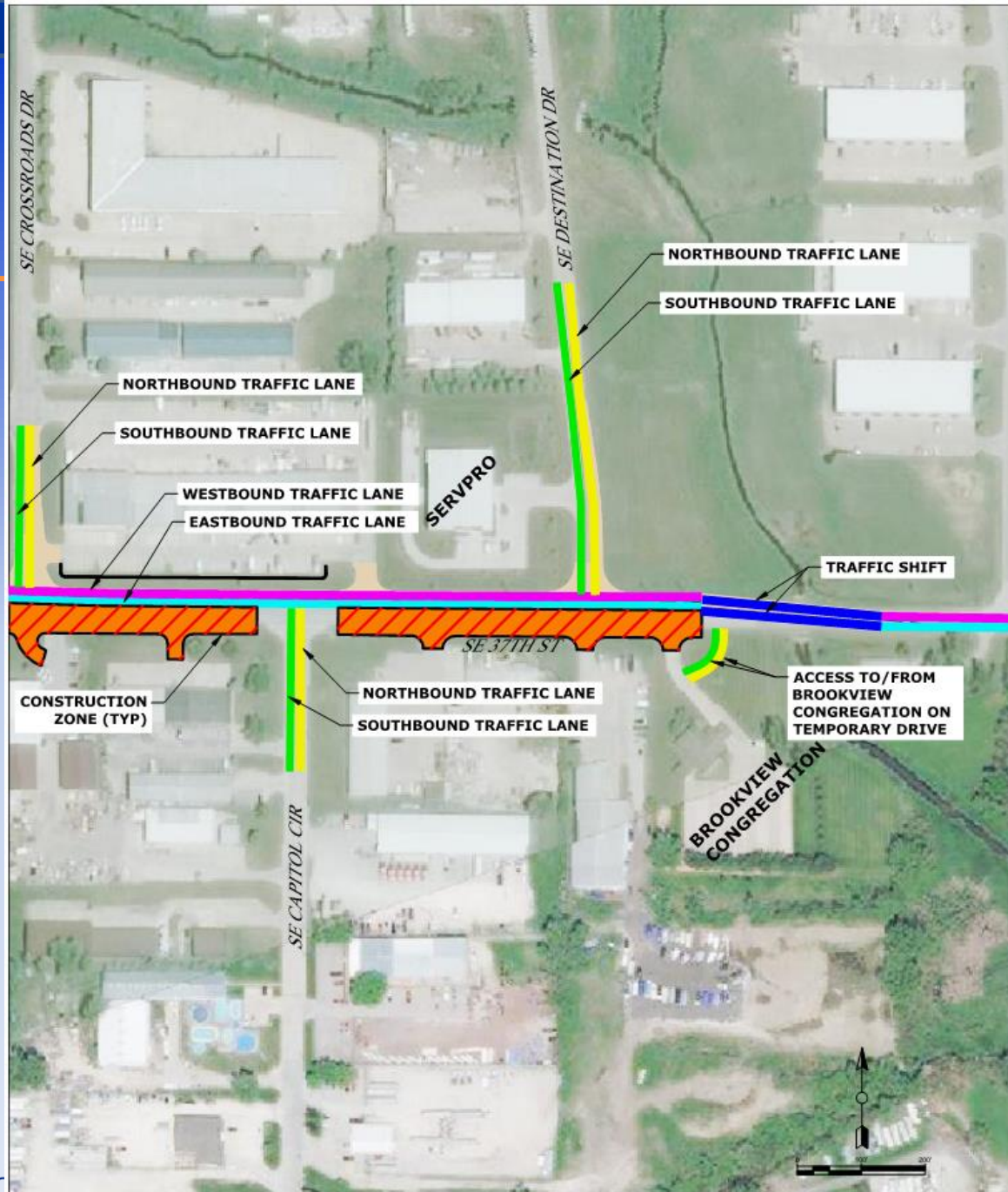


**SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3 TRAFFIC CONTROL**



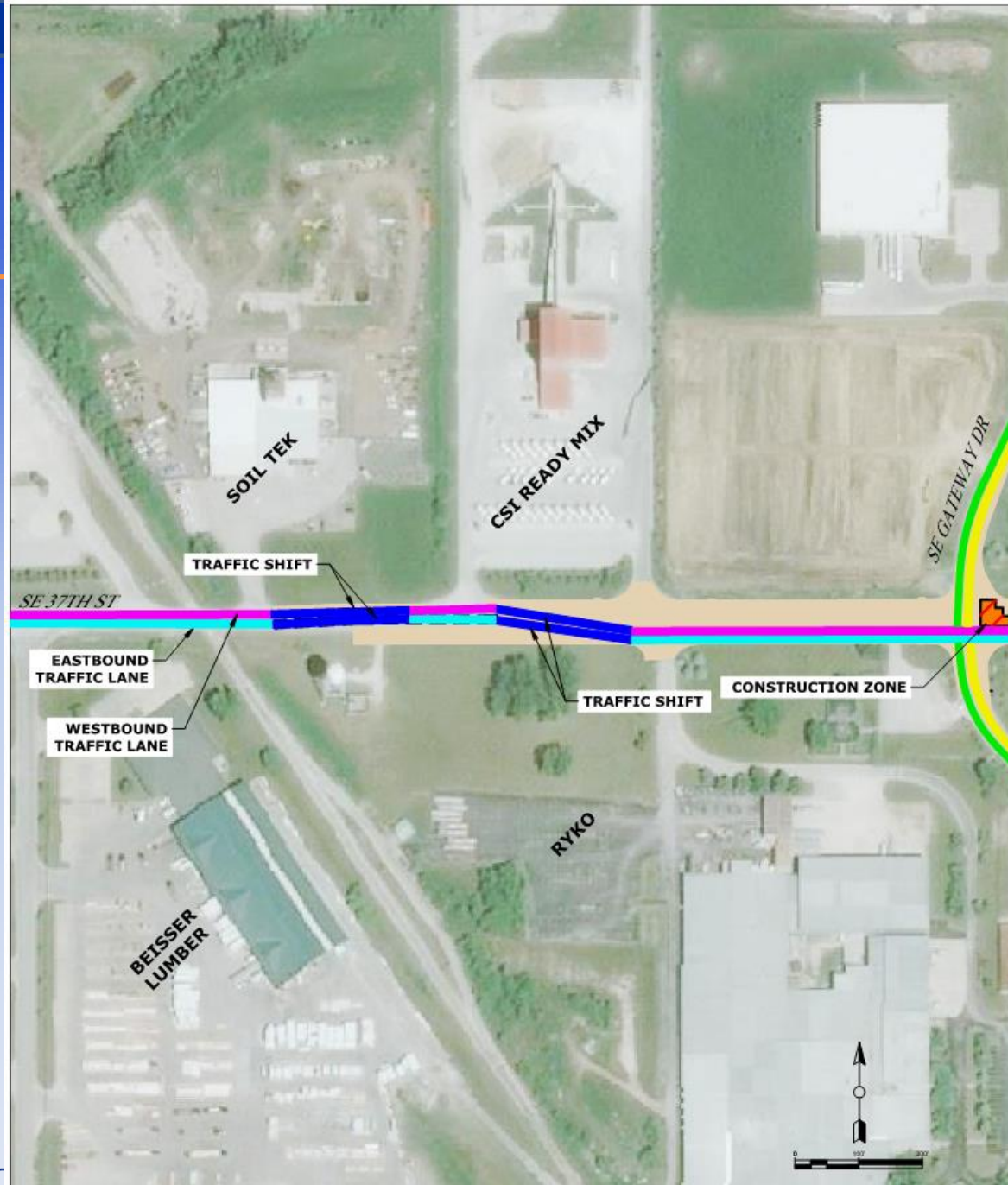
SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3 TRAFFIC CONTROL



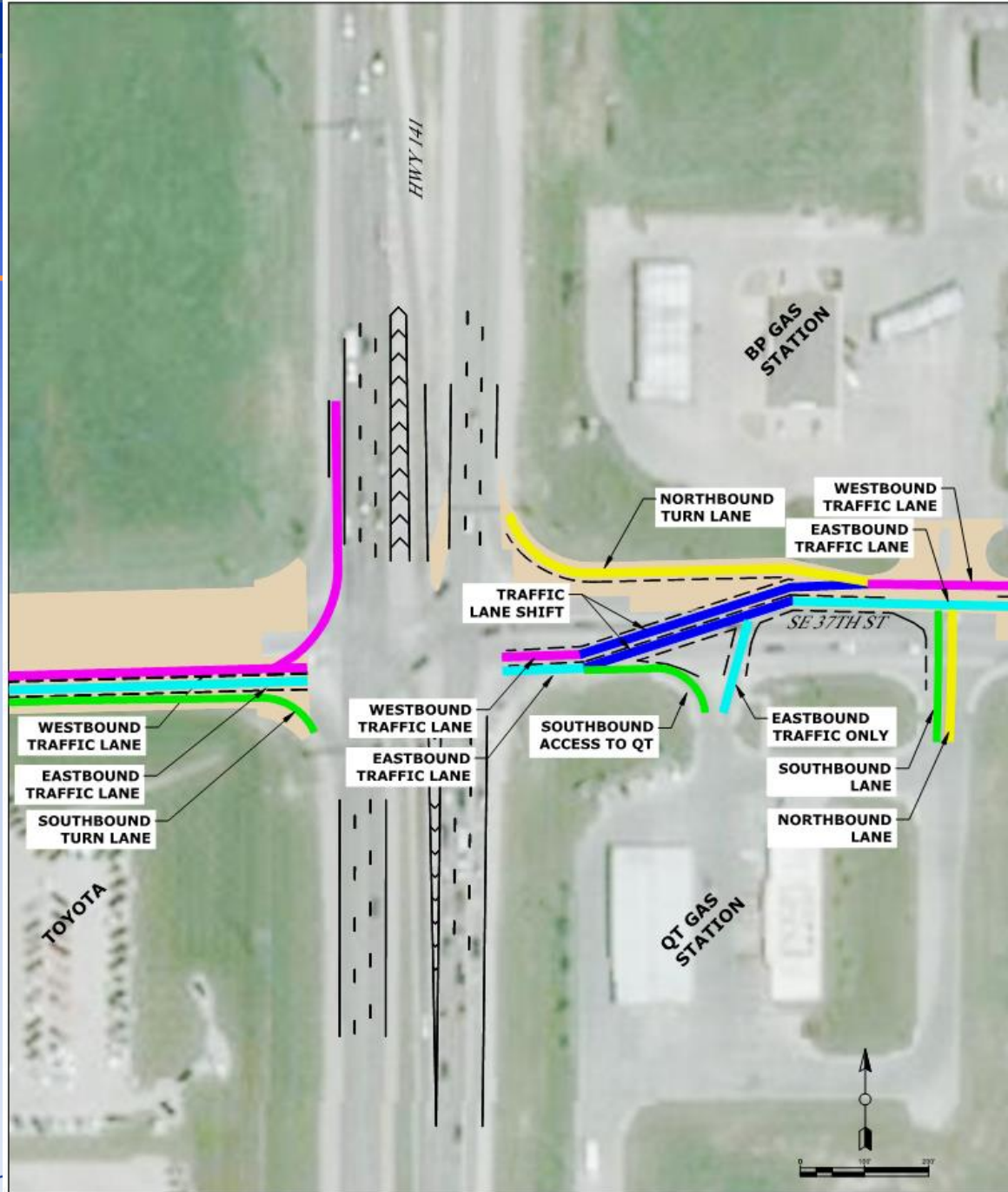


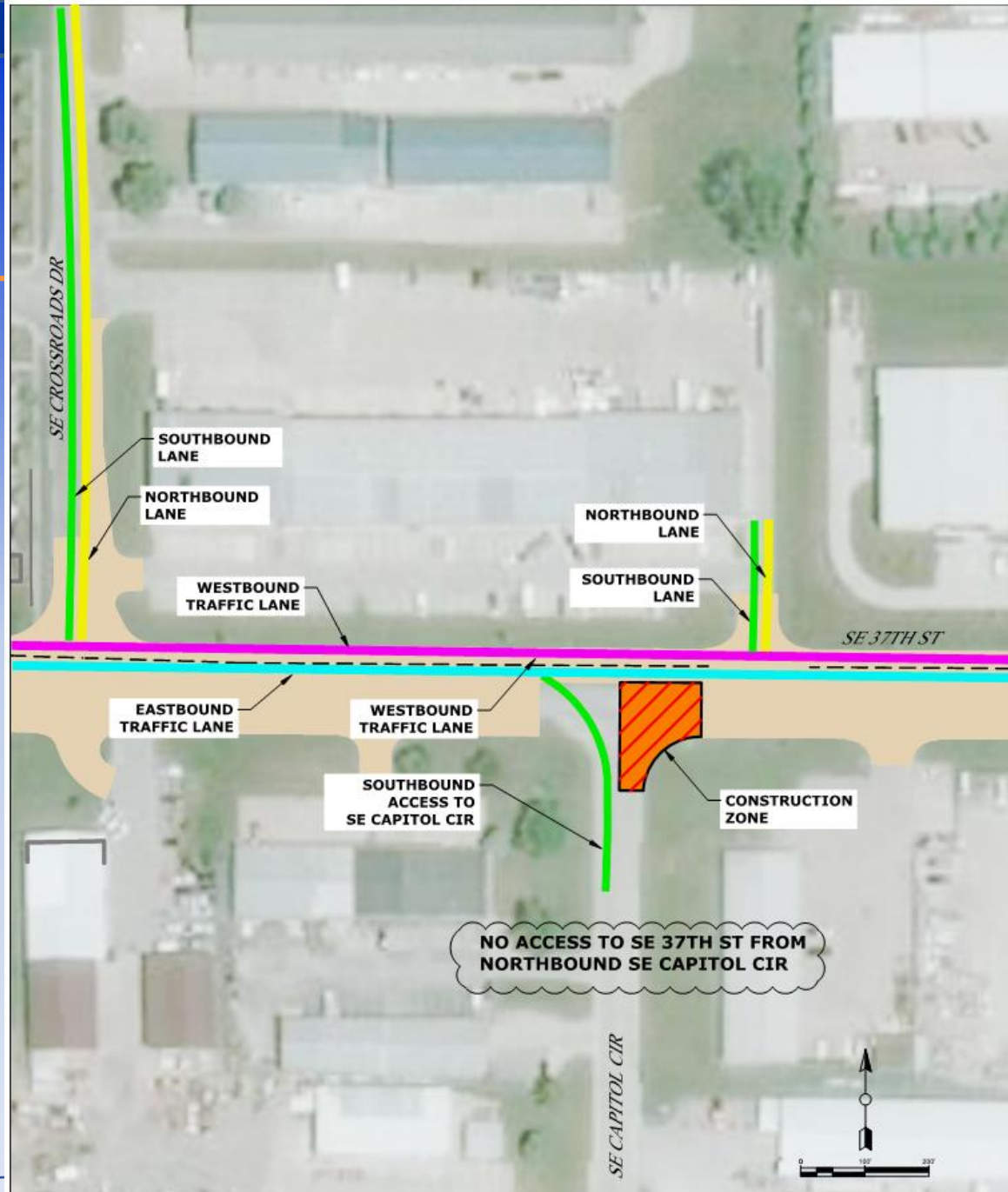
SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3 TRAFFIC CONTROL



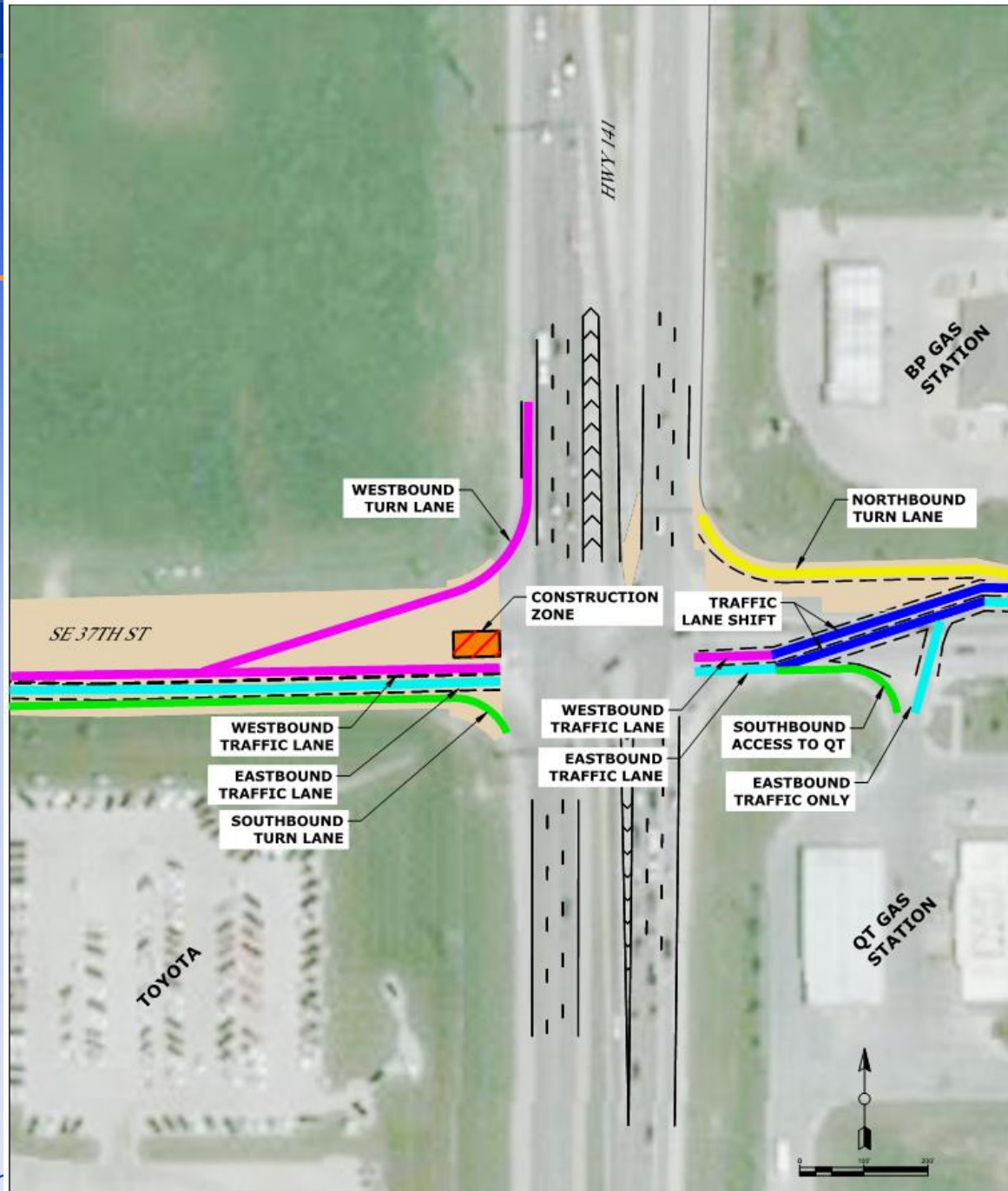


SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3A TRAFFIC CONTROL

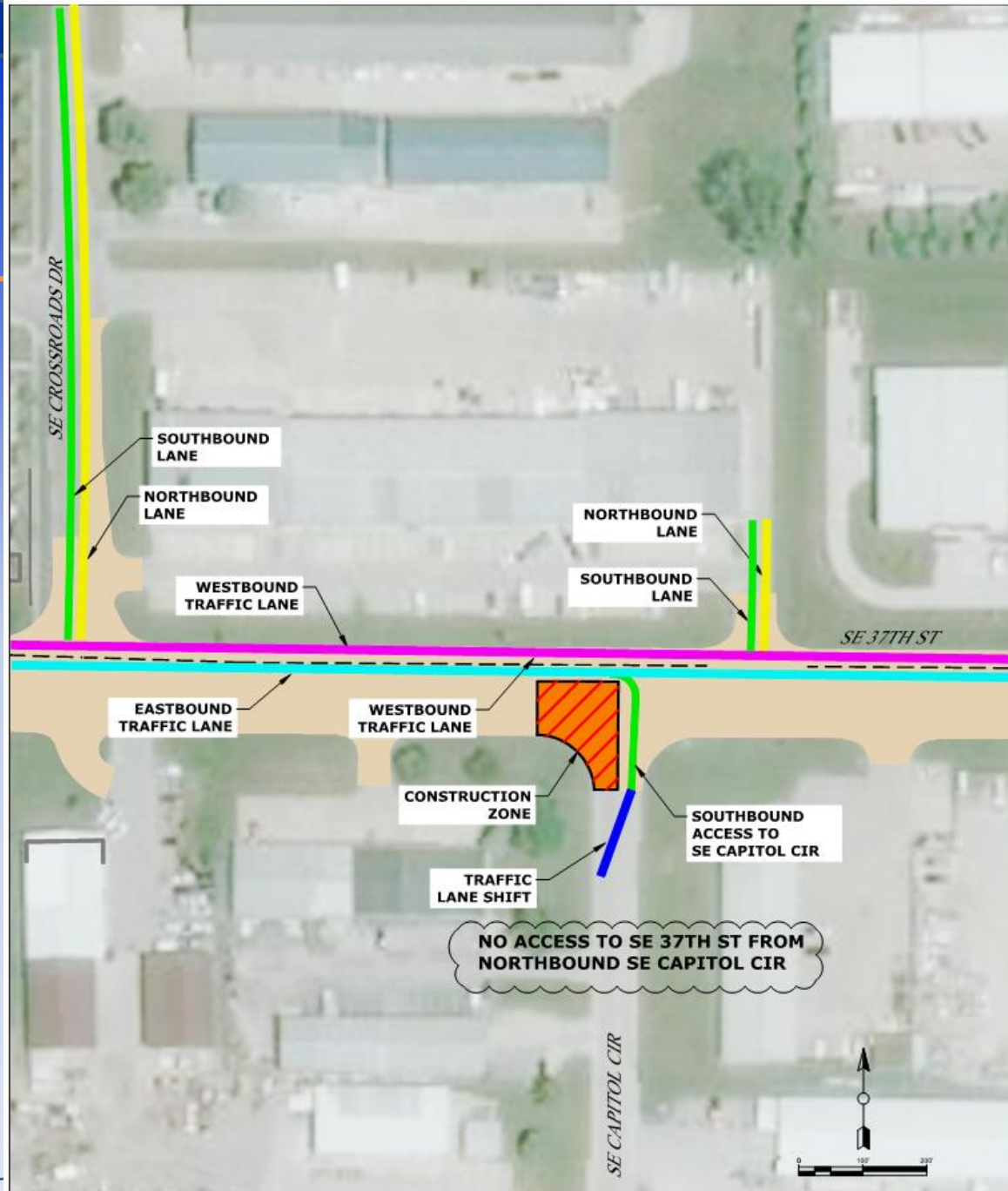








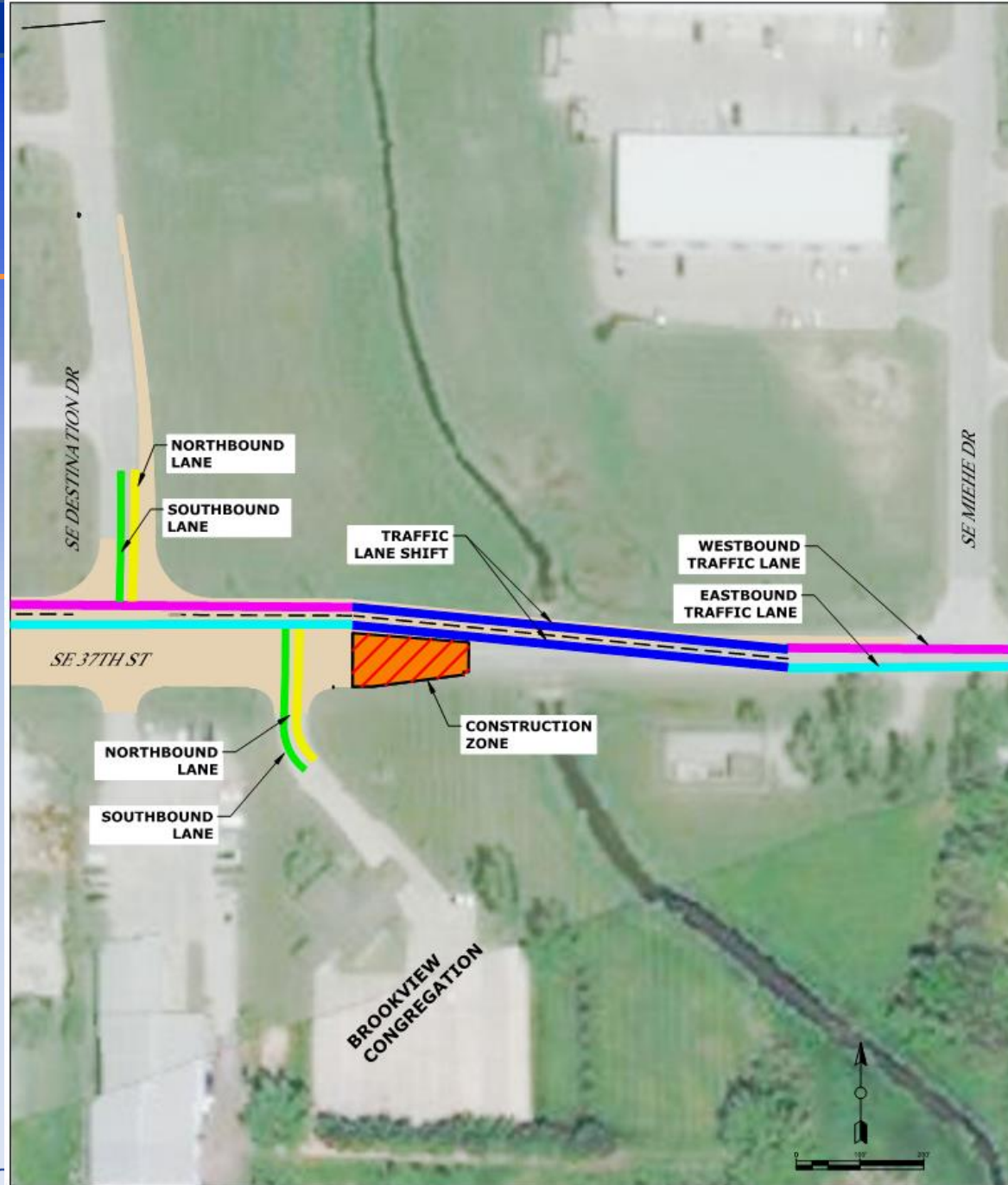
**SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3B TRAFFIC CONTROL**



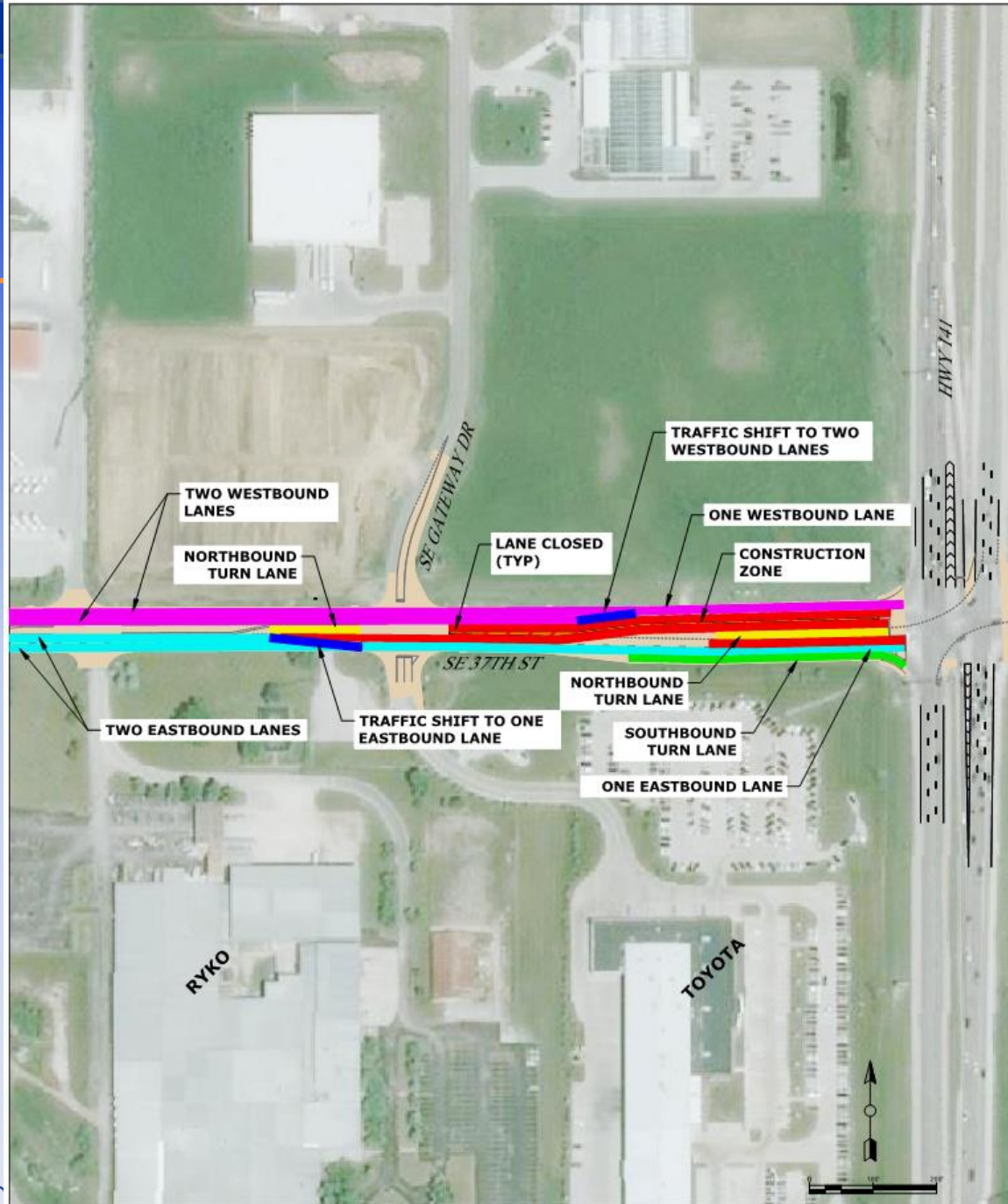
SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3B TRAFFIC CONTROL



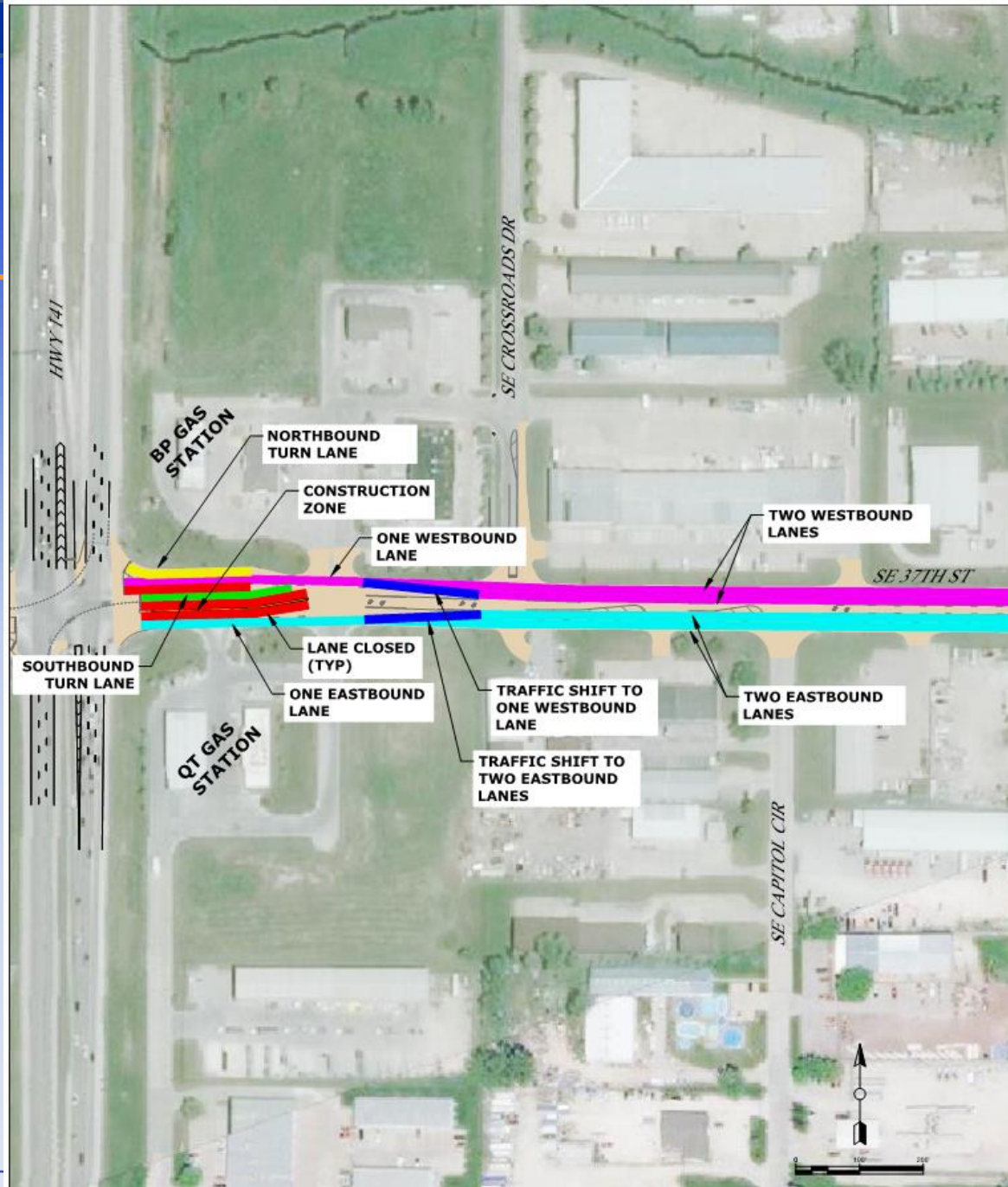




SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 3C TRAFFIC CONTROL



**SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 4 TRAFFIC CONTROL**



**SE 37TH STREET AT HWY 141 IMPROVEMENTS PROJECT  
PHASE 4 TRAFFIC CONTROL**



# Traffic Staging/Detour Plan

- **Weekly Update**
  - **Get on the e-mail list**



## S James Street & SE 37<sup>th</sup> Street Improvements

Weekly Construction Update – Grimes, IA



The intent of this weekly update is to give an overview of work completed and a projection of work in the following week. It is intended to be a general overview and be tentative in nature. Things may differ from the listed schedule if weather or other unknown factors come into play.

### Weekly Overview:      **November 5 Monday – November 10 Saturday**

- Traffic signals are operational.
- The South end of the project was backfilled adjacent to the Phase 5 paving.
- The existing temporary traffic signals were removed, and pavement patches were installed where the removals occurred.

### What to expect next week:      **November 12 Monday – November 17 Saturday**

- Striping for the remainder of the project is scheduled for Tuesday, November 13.
- The roadway is scheduled to be open to traffic on Wednesday, November 14.
- Fine grading operations will be started adjacent to the roadway.

### What you need to know:

- Working hours are Monday-Friday (7:00 am to 9:00 pm). Work on the weekends and at night will require City approval.
- The contractor will notify property owners if work will impact access to property.
- Please do not remove any construction stakes located within the limits of work.
- During construction if property owners lose utility service, please contact your local service provider as follows:
  - Electric - MidAmerican Energy      1-888-427-5632
  - Gas - Black Hills Energy      1-888-890-5554
  - Cable, Internet, Telephone
    - CenturyLink      1-866-642-0444
    - Mediacom      1-800-332-0245
  - Sewer / Water – US Water  
1-515-968-3176 (regular business hours)  
1-515-822-4671 (emergency after hours)
- Construction projects are fluid in nature, and depend on many variables. Examples are poor weather, utility conflicts, unknown underground items, and fabrication schedules. While we will do our best to meet planned schedules, we appreciate your patience with unforeseen circumstances and understanding the possibility of changes to the schedule.

# Traffic Staging/Detour Plan

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## Construction Concerns

1. Emergency Access
2. Business Disruption
3. Utility Disruption
4. Mail
5. Garbage
6. Property Access



# Public Comments

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- **Questions**
- **Comments**

